

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Alexandria, VA 22313-1450

**POWER OF ATTORNEY (REVOCATION OF PRIOR POWERS)  
AND PROSECUTION BY ASSIGNEE UNDER 37 C.F.R. § 3.73**

Sir:

**STRYKER CORPORATION**, a company organized and existing under the laws of **Michigan**, and **STRYKER NV OPERATIONS LIMITED**, a company organized and existing under the laws of **Ireland**, as assignees of the entire right, title and interest of patents and applications listed below, under 37 C.F.R. § 3.73 hereby revoke all powers of attorneys previously given in below-identified patents and applications, and hereby appoint all attorney associated with:

**Customer Number**

**41696**

PATENT TRADEMARK OFFICE

with full powers of substitution and revocation, to prosecute the below-identified patents and applications and any application claiming priority therefrom, and transact all matters in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified applications, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.73.

### Correspondence Address

Please change the correspondence address for the below-identified patents and applications to the customer number 41696, and direct all written communications relative to such applications to:

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US Patent No.	Title	Issued Date	Docket No.	Reel/Frame
6,160,025	Liquid Embolic Agents	12/12/2000	20112.20	025969/0841
5,911,731	Anatomically Shaped Vasoocclusive Devices	06/15/1999	20120.10	025969/0841
6,193,708	Detachable Aneurysm Neck Bridge (I)	02/27/2001	20182.01	025969/0841
6,524,299	Flow-Directed Catheter	02/25/2003	20192.00	025975/0151
6,063,070	Detachable Aneurysm Neck Bridge (II)	05/16/2000	20199.00	025969/0841
6,383,174	Detachable Aneurysm Neck Bridge (II)	05/07/2002	20199.01	025969/0841
6,322,576	Stable Coil Designs	11/27/2001	20201.20	025969/0841
6,860,893	Stable Coil Designs	03/01/2005	20201.30	025969/0841
6,383,205	Mechanical Clot Treatment Device with Distal Filter	05/07/2002	20203.01	026018/0677
7,875,050	Mechanical Clot Treatment Device with Distal Filter	01/25/2011	20203.02	026018/0677
6,086,577	Detachable Aneurysm Neck Bridge (III)	07/11/2000	20205.00	025969/0841
6,936,055	Detachable Aneurysm Neck Bridge (III)	08/30/2005	20205.01	025969/0841
6,468,266	Fast Detaching Electrically Isolated Implant	10/22/2002	20206.02	025969/0841
6,165,178	Fast Detaching Electrically Isolated Implant	12/26/2000	20206.21	025969/0841
5,405,322	Method for Treating Aneurysms With a Thermal Source	04/11/1995	20210.00	025969/0841
6,231,590	Bioactive Coating for Vaso-Occlusive Devices	05/15/2001	20217.20	025969/0841
6,723,112	Bioactive Three Loop Coil	04/20/2004	20217.21	025969/0841
6,569,179	Bioactive Three Loop Coil	05/27/2003	20217.22	025969/0841
7,128,736	Detachable Aneurysm Neck Closure Patch	10/31/2006	20224.01	026018/0724
7,410,482	Detachable Aneurysm Neck Bridge	08/12/2008	20224.02	026018/0724
7,713,264	Detachable Aneurysm Neck Bridge	05/11/2010	20224.03	026018/0724
5,928,260	Removable Occlusion System for Aneurysm Neck	07/27/1999	BS-P2073 US1	025969/0841

6,344,048	Removable Occlusion System for Aneurysm Neck	02/05/2002	BS-P2073 US2	025969/0841
6,780,196	Removable Occlusion System for Aneurysm Neck	08/24/2004	BS-P2073 US3	025969/0841
7,569,066	Methods and Devices for the Treatment of Aneurysms	08/04/2009	BS-P2073 US4	025969/0841
7,229,461	Removable Occlusion System for Aneurysm Neck	06/12/2007	BS-P2073 US5	025969/0841
6,139,520	System for Implanting a Cross-Linked Polysaccharide Fiber and Methods of Forming and Inserting the Fiber	10/31/2000	97-P0178CIP	025959/0196
6,629,947	Systems and Methods for Delivering Flowable Substances for Use as Implants and Surgical Sealants	10/07/2003	97-P0178CIP2	025959/0196
6,258,055	System for Implanting a Cross-Linked Polysaccharide Fiber and Methods of Forming and Inserting the Fiber	07/10/2001	97-P0178CON CIP	025959/0196
6,589,199	System for Implanting a Cross-Linked Polysaccharide Fiber and Methods of Forming and Inserting the Fiber	07/08/2003	97-P0178DIV CIP	025959/0196
6,663,607	Bioactive Aneurysm Closure Device Assembly and Kit	12/16/2003	99-0136 US	025969/0841
6,280,457	Polymer Covered Vaso-Occlusive Devices and Methods of Producing Such Devices	08/28/2001	99-0166 US1	025969/0841
7,695,484	Polymer Covered Vaso-Occlusive Devices and Methods of Producing Such Devices	04/13/2010	99-0166 US4	025969/0841
6,331,184	Detachable Covering for an Implantable Medical Device	12/18/2001	99-0205 US1	025969/0841
6,846,316	Systems and Methods for Detaching a Covering From an Implantable Medical Device	11/14/2001	99-0205 US2	025969/0841
6,508,804	Catheter Having Continuous Lattice and Coil Reinforcement	01/21/2003	99-0210 US	025969/0841
6,575,959	Catheter Incorporating an Insert Molded Hub and Method of Manufacture	06/10/2003	99-0239 US	025969/0841
6,397,850	Dual-Mode Apparatus and Method for Detection of Embolic Device Detachment	06/04/2002	00-0013 US	025969/0841
7,153,323	Aneurysm Liner with Multi-Segment Extender	12/26/2006	00-0116 US	025969/0841
6,544,275	Vaso-Occlusive Coils with Selectively Flattened Areas	04/08/2003	00-0186 US	025969/0841
6,579,308	Stent Devices with Detachable Distal or Proximal Wires	06/17/2003	00-0203 US1	025969/0841
7,063,719	Stent Devices with Detachable Distal or Proximal Wires	04/25/2003	00-0203 US2	025969/0841
6,635,069	Non-Overlapping Spherical Three-Dimensional Coil	10/21/2003	00-0207 US	025976/0689
6,929,654	Non-Overlapping Spherical Three-Dimensional Coil	08/16/2005	00-0207 US1	025976/0689
6,623,452	Drug Delivery Catheter Having a Highly Compliant Balloon with Infusion Holes	09/23/2003	00-0267 US	025969/0841
6,547,804	Selectively Permeable Highly Distendable Occlusion Balloon	04/15/2003	00-0294 US	025969/0841
6,544,163	Apparatus and Method for Controlling a Magnetically Controllable Embolic in the Embolization of an Aneurysm	04/08/2003	00-0295 US	025969/0841
6,540,657	Apparatus and Method for Internally Inducing a Magnetic Field in an Aneurysm to Embolize Aneurysm with Magnetically-Controllable Substance	04/01/2003	00-0296 US	025969/0841
6,603,994	Apparatus and Method for Internally Inducing a Magnetic Field in an Aneurysm to Embolize Aneurysm with	08/05/2003	00-0297 US	025969/0841

	Magnetically-Controllable Substance			
6,626,819	Permanent Magnetic and Electromagnetic Apparatus for Embolizing an Aneurysm with Magnetically Controllable Embolic and Method	09/30/2003	00-0311 US	025969/0841
6,576,000	Devices and Methods for Tissue Repair	06/10/2003	01-026 US	025969/0841
6,585,753	Expandable Coil Stent	07/01/2003	01-067 US1	025969/0841
7,033,385	Expandable Coil Stent	04/25/2006	01-067 US2	025969/0841
7,309,352	Expandable Coil Stent	12/18/2007	01-067 US3	025969/0841
7,491,229	Expandable Coil Stent	02/17/2009	01-067 US4	025969/0841
6,616,676	Devices and Methods for Removing Occlusions in Vessels	09/09/2003	01-068 US1	025969/0841
6,602,269	Embolic Devices Capable of In-Situ Reinforcement	08/05/2003	01-069 US	025969/0841
7,559,933	Absorbable Implantable Vaso-Occlusive Member	07/14/2009	01-128 US2	025969/0841
6,454,780	Aneurysm Neck Obstruction Device	09/24/2002	01-169 US1	025976/0319
7,687,053	Embolic Compositions with Non-Cyanoacrylate Rheology Modifying Agents	03/30/2010	01-185 US1	025969/0841
7,052,500	Embolus Extractor	05/30/2006	01-187 US1	025976/0474
6,921,410	Injection Molded Vaso-Occlusive Elements	07/26/2005	01-194 US	025969/0841
6,878,151	Medical Retrieval Device	04/12/2005	01-247 US1	025969/0841
7,695,488	Expandable Body Cavity Liner Device	04/13/2010	01-248 US1	025969/0841
7,338,511	Solid Embolic Material with Variable Expansion	03/04/2008	01-495 US	025969/0841
7,341,716	Occlusive Composition	03/11/2008	01-541 US	025969/0841
7,166,122	Anchor Assemblies in Stretch-Resistant Vaso-Occlusive Coils	01/23/2007	02-046 US1	025969/0841
6,830,561	Catheter with Protective Sleeve	12/14/2004	02-093 US	025969/0841
7,060,083	Foldable Vaso-Occlusive Member	06/13/2006	02-119 US1	025969/0841
7,485,122	Integrated Anchor Coil in Stretch-Resistant Vaso-Occlusive Coils	02/03/2009	02-215 US	025969/0841
7,744,583	Device and Method for Treatment of a Vascular Defect	06/29/2010	02-286 US1	025976/0857
7,229,454	Occlusive Cinching Devices and Methods of Use	06/12/2007	02-353 US1	025977/0143
7,651,513	Flexible Embolic Device Delivery System	01/26/2010	02-403 US1	025969/0841
6,899,730	Catheter-Stent Device	05/31/2005	02-442 US3	025969/0841
6,746,475	Stent with Variable Stiffness	06/08/2004	02-443 US2	025969/0841
6,860,899	Method for Treating Neurovascular Aneurysms	03/01/2005	02-444 US2	025969/0841
7,520,893	Method for Treating Neurovascular Aneurysms	04/21/2009	02-444 US3	025969/0841
7,037,330	Neurovascular Stent And Method	05/02/2006	02-446 US1	025969/0841
7,695,507	Neurovascular Stent And Method	04/13/2010	02-446 US2	025969/0841
7,294,137	Device For Multi-Modal Treatment of Vascular Lesions	11/13/2007	02-447 US2	025969/0841
7,063,707	Medical Retrieval Device	06/20/2006	02-448 US2	025969/0841
7,715,896	Systems and Methods for Internal Tissue Penetration	05/11/2010	02-455 US1	025969/0841

7,662,143	Apparatus and Method for Treating Intravascular Disease	02/16/2010	02-462 US	025969/0841
7,316,692	Laser-Cut Clot Puller	01/08/2008	03-137 US1	025969/0841
7,763,011	Variable Density Braid Stent	07/27/2010	03-147 US1	025977/0251
7,309,345	Method and System for Delivering an Implant Utilizing a Lumen Reducing Member	12/18/2007	03-248 US1	025969/0841
7,488,332	Vaso-Occlusive Coils with Non-Overlapping Sections	02/10/2009	03-277 US	025969/0841
7,789,891	External Activation of Vaso-Occlusive Implants	09/07/2010	03-398 US1	025977/0284
7,485,123	Complex Vaso-Occlusive Coils	02/03/2009	03-439 US1	025969/0841
7,758,541	Targeted Drug Delivery Device and Method	07/20/2010	03-449 US1	025977/0335
7,537,580	Intra-vascular dilatation infusion catheter	05/26/2009	04-0012 US	025969/0841
7,749,242	Expanding Vaso-Occlusive Coil	07/06/2010	04-0086 US1	026017/0041
7,608,089	Vaso-Occlusive Device Having Pivotable Coupling	10/27/2009	04-0372 US1	025969/0841
6,037,366	Composition for Treating Vascular Occlusions	03/14/2000	05-00094 US2	025959/0196
6,476,069	Compositions for Creating Embolic Agents and Uses Thereof	11/05/2002	05-00094 US3	025959/0196
6,476,070	Compositions Useful for Remodeling Body Spaces	11/05/2002	05-00094 US4	025959/0196
6,538,026	Compositions Useful for Remodeling Body Spaces	03/25/2003	05-00094 US5	025959/0196
RE39,150	Composition for Creating Vascular Occlusions	06/27/2006	05-00094 US6	025959/0196

Serial No.	Title	Filed	Docket No.	Reel/Frame
12/768,659	Detachable Aneurysm Neck Bridge	04/27/2010	20224.04	026018/0724
12/489,158	Methods and Devices for the Treatment of Aneurysms	06/22/2009	BS-P2073 US6	025969/0841
12/723,575	Polymer Covered Vaso-Occlusive Devices and Methods of Producing Such Devices	03/12/2010	99-0166 US5	025969/0841
11/036,028	Systems and Methods for Detaching a Covering From an Implantable Medical Device	01/14/2005	99-0205 US3	025969/0841
10/850,995	Non-Overlapping Spherical Three-Dimensional Coil	10/20/2004	00-0207 US2	025976/0689
12/039,475	Aneurysm Neck Obstruction Device	02/02/2008	01-169 US4	025976/0319
10/631,928	Expandable Body Cavity Liner Device	07/31/2003	01-170 US2	025969/0841
11/328,872	Foldable Vaso-Occlusive Member	01/09/2006	02-119 US2	025969/0841
11/185,160	Device for Closure of a Vascular Defect and Method for Treating the Same	07/20/2005	02-156 US2	025969/0841
11/433,280	Device for Closure of a Vascular Defect and Method for Treating the Same	05/12/2006	02-156 US3	025969/0841
10/231,391	Device and Method for Treatment of a Vascular Defect	08/29/2002	02-268 US	025969/0841
12/780,638	Device and Method for Treatment of a Vascular Defect	05/14/2010	02-286 US2	025976/0857

11/748,221	Occlusive Cinching Devices and Methods of Use	05/14/2007	02-353 US2	025977/0143
13/013,044	Occlusive Cinching Devices and Methods of Use	01/25/2011	02-353 US3	025977/0143
12/749,234	Systems and Methods for Internal Tissue Penetration	03/29/2010	02-455 US2	025969/0841
10/357,940	Systems and Methods of De-Endothelialization	02/03/2003	02-468 US	025969/0841
12/836,357	Variable Density Braid Stent	07/14/2010	03-147 US2	025977/0251
11/934,603	Method and System for Delivering an Implant Utilizing a Lumen Reducing Member	11/02/2007	03-248 US2	025969/0841
10/625,196	System and Method for Electrically Determining Position and Detachment of an Implantable Device	07/23/2003	03-276 US	025969/0841
11/872,555	Apparatus and Method for Creating Working Channel Through Tissue	10/15/2007	03-357 US2	025969/0841
10/719,421	Rotational Markers	11/21/2003	03-388 US	025969/0841
12/873,008	System for Embolizing a Target Site in a Body by Application of an External Energy	08/31/2010	03-398 US2	025977/0284
12/353,177	Complex Vaso-Occlusive Coils	01/13/2009	03-439 US2	025969/0841
12/838,934	Targeted Drug Delivery Device and Method	07/19/2010	03-449 US2	025977/0335
11/031,421	Intra-Aneurysm Devices	01/07/2005	04-0085 US	025969/0841
12/783,267	Expanding Vaso-Occlusive Coil	05/19/2010	04-0086 US2	026017/0041
11/051,599	Vaso-Occlusive Devices Including Non-Biodegradable Biomaterials	02/04/2005	04-0288 US	025969/0841
12/605,175	Vaso-Occlusive Device Having Pivotal Coupling	10/23/2009	04-0372 US2	025969/0841
11/034,893	Vaso-Occlusive Devices with Attached Polymer Structures	01/12/2005	04-0373 US1	025969/0841
11/051,578	Macroporous Materials For Use in Aneurysms	02/04/2005	04-0410 US1	025969/0841
11/347,080	Macroporous Materials For Use in Aneurysms	02/02/2006	04-0410 US2	025969/0841
11/242,981	Self-Expanding Biodegradable or Water-Soluble Vaso-Occlusive Devices and Methods of Preparing Same	10/04/2005	04-0437 US	025969/0841
11/242,952	Self-Expanding Vaso-Occlusive Devices With Regulated Expansion	10/04/2005	04-0438 US	025969/0841
11/270,035	Vaso-Occlusive Devices Comprising Complex-Shape Proximal Portion and Smaller Diameter Distal Portion	11/09/2005	04-0440 US2	025969/0841
11/423,934	Occlusive Device Delivery Assembly Having Bendable Axially Reinforced Detachment Zone	06/13/2006	05-00071 US2	025969/0841
12/275,580	Implantable Device with Electrolytically Detachable Junction having Multiple Fine Wires and Method of Introduction	11/21/2008	06-01512 US2	025969/0841
12/122,636	Bi-Polar Pusher Wire for Electrolysis Detachable Coils	05/16/2008	06-01517 US2	025969/0841
12/151,501	Catheters For Electrolytically Detachable Embolic Devices	05/07/2008	07-00040 US2	025969/0841
12/166,190	Hybrid And Portable Power Supplies For Electrolytically Detaching Implantable Medical Devices	07/01/2008	07-00053 US2	025969/0841
12/167,955	Power Supply Using Time Varying Signal For Electrolytically Detaching Implantable Device	07/03/2008	07-00343 US2	025969/0841
12/387,272	Vascular Access Sheath with Integrated Return Electrode	06/10/2008	08-00053 US2	025969/0841
12/575,048	Vaso-Occlusive Coil Delivery System	10/07/2009	08-00134 US2	026017/0200

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12/589,756	Thermally Detachable Embolic Assemblies	10/28/2009	08-00267 US2	026017/0418
12/720,965	Proximal Conductive Joint of a Bipolar Embolic Coil Delivery Wire with Increased Mechanical Integrity and Conductivity	03/10/2010	08-00288 US2	026017/0532
12/752,914	Delivery Wire Design to Maximize Performance	04/01/2010	08-00289 US2	026017/0591
12/757,886	Delivery Wire for Occlusive Delivery Device System and Method of Manufacture	04/09/2010	08-00339 US2	026017/0650
12/853,706	Ultrasound Energy Delivery System	08/10/2010	08-00340 US2	026017/0738
12/758,528	Electrical Contact for Occlusive Device Delivery System	04/12/2010	08-00343 US3	026018/0106
12/869,474	Stent with Variable Cross Section Braiding Filament and Method for Making Same	08/26/2010	09-00079 US2	026018/0178
12/847,241	Stent Delivery System	07/30/2010	09-00081 US2	026018/0263
12/945,210	Designs to Achieve Optimal Flexibility of Distal Delivery Wire for Target Coils	11/12/2010	09-00106 US2	026018/0390
12/944,254	Delivery Wire Assembly for Occlusive Device Delivery System	11/11/2010	09-00157 US2	026018/0472
12/913,085	Occlusive Device Delivery System	10/27/2010	09-00158 US2	026018/0537
12/913,177	Delivery Wire Assembly for Occlusive Device Delivery System	10/27/2010	09-00159 US2	026018/0579
13/020,675	Multimode Occlusion and Stenosis Treatment Apparatus and Method of Use	02/03/2011	09-00194 US2	026018/0647

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patents and applications identified above from the inventor(s) to the assignee(s).

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

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By: Tony McKinney

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